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TRANSMITTAL FORM		Application Number		10/736,125			
(to be used for all correspondence after initial filing)		Filing Date		December 15, 2003			
		First Named Inventor		Ramadas Lakshmikanth Pai			
		Group Art Unit		2131			
		Examiner Name		Not Yet Known			
Total Number of Pages in This Submission		Three		Attorney Docket Number		15138US02	
ENCLOSURES (check all that apply)							
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) ( sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____		<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Certificate Under 37 CFR § 3.73(b) <input checked="" type="checkbox"/> Power of Attorney from Assignee <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):			
Remarks							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT							
Firm or Individual Name		Mirut P. Dalal, Esq. McAndrews Held & Malloy, Ltd. 500 West Madison Street 34 <sup>th</sup> Floor Chicago, Illinois 60661					
Name (Print/type)		Mirut P. Dalal, Esq.		Registration No. (Attorney/Agent)		44,052	
Signature						Date: June 15, 2004	
EXPRESS MAIL DEPOSIT							
"Express Mail" mailing label number : EV 304939750 US Date of Deposit: June 15, 2004							

Customer No. 23,446



CERTIFICATE UNDER 37 C.F.R. § 3.73(B)

Docket No.: 15138US02

Applicant/Patent Owner: Ramadas Lakshmikanth Pai    Manoj Kumar Vajhallya  
Chhavi Kishore    Bhaskar Mala Sherigar  
Himakiran Kodihalli    Sandeep Bhatia  
Gaurav Aggarwal    Sivagururaman Mahadevan  
Vijayanand Aralaguppe

Application No./Patent No.: 10/736,125

Filed/Issue Date: December 15, 2003

Entitled: "DMA ENGINE FOR FETCHING WORDS IN REVERSE BIT ORDER"

Broadcom Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014494, Frame 0130, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature: Dee Henderson

Name: Dee Henderson

Manager, Intellectual Property Portfolio

Title: \_\_\_\_\_

Date: April 30, 2004



# POWER OF ATTORNEY FROM ASSIGNEE

**Broadcom Corporation**, a corporation of **California**, having a principal place of business at **16215 Alton Parkway, Irvine, California 92618-3616**, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on December 09, 2003, of an invention known as DMA ENGINE FOR FETCHING WORDS IN REVERSE BIT ORDER (Attorney Docket No. 15138US02), which is disclosed and claimed in a patent application of the same title by the inventors: Ramadas Lakshmikanth Pai; Manoj Kumar Vajhallya; Chhavi Kishore; Bhaskar Mala Sherigar; Himakiran Kodihalli; Sandeep Bhatia; Gaurav Aggarwal; Sivagururaman Mahadevan; Vijayanand Aralaguppe (said application filed on December 15, 2003 at the U.S. Patent and Trademark Office, having Application Number 10/736,125).

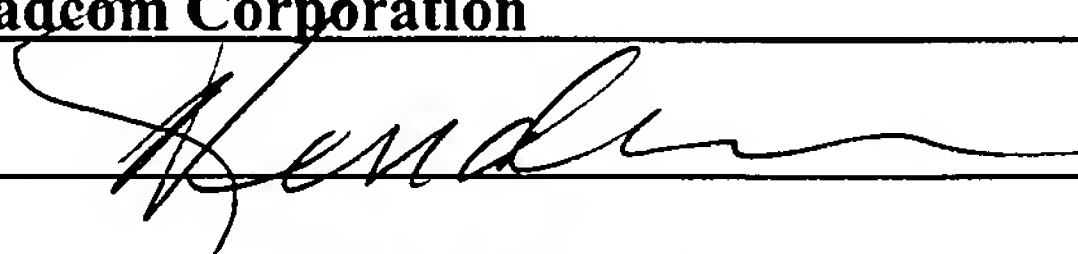
The assignee hereby appoints U.S. attorneys and/or agents at McAndrews, Held & Malloy, Ltd. (Chicago, IL), Customer No. 23,446, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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FOR: **Broadcom Corporation**  
SIGNATURE:   
BY: **Dee Henderson**  
Manager, Intellectual Property Portfolio  
TITLE: \_\_\_\_\_  
DATE: **April 30, 2004**